

Special Issue

Characterizations of Three-Dimensional Surfaces at Micro/Nanoscale

Message from the Guest Editors

The ability to manufacture products of increasingly lower surface roughness for functionally relevant surfaces is a necessity today. In the modern approach within material science, the characterization of nanometric engineering surfaces based on the application of stereometric, spectral analysis, fractal/multifractal theory, and Minkowsky functionals has remained a challenging task of substantial research. Such a research topic involves a multidisciplinary point of view, including knowledge from diverse scientific areas such as scanning microscopy, metrology, and mathematics.

This Special Issue covers all aspects of 3D surface characterization techniques, ranging from descriptive statistics, stereometric analysis, spectral analysis, fractal/multifractal theory, and Minkowsky functionals. Studies focusing on the theoretical simulation of the micromorphology, computerized procedures, mathematical algorithms, and optimal research techniques for description of 3D surface of materials at micro/nanoscale are also welcome.

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Deadline for manuscript submissions

closed (30 April 2022)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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